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EXHIBIT B

Final DI only cleaning test

Wafer	pre-count @ >.16	pre-count @ >.2	post-count @ >.16	post-count @ >.2
1	288	79	14	6
2	241	112	9	2
3	38	20	19	7
4	43	14	14	5
5	46	16	24	4
6	41	15	24	5
7	44	14	26	6
8	52	21	24	6
9	37	6	33	16
10	39	13	22	7
11	48	18	16	1
12	61	16	18	8
13	41	20	33	20
14	59	17	23	10
15	66	24	43	18
Average particles @ >.16 microns (pre)	Average particles @ >.20 microns (pre)	Average particles @ >.16 microns (post)	Average particles @ >.20 microns (post)	
76.93	26.93	22.80	8.07	
Average particle removal at >.16 microns		(54.13)		
Average particle removal at >.20 microns		(18.87)		

Wafers 1 and 2 were the main reason for high average particle removal rate. The results of the removal rate average are quite impressive. The BPT One Brushes show better cleaning performance then any other brush I have used. The removal rates generally average from adding 2 particles to removing 3 particles at 2 microns. By removing wafers no. 1 and 2, the removal rate at .16 was -22.77 and at .20 microns -7.89 average. This data shows that the BPT One brushes clean twice as good then Rippey brushes and their equivalent. Of special note in this test, wafer no. 9 was the only wafer to add particles. This is due because originally the wafer showed a scratch across the wafer on the Tencor. It turned out to be a solid line of particles. During post reading, almost all the particles were removed and the wafer no longer had a scratch count. This is the type of issue I mentioned above about smaller particles causing loss of Die.

AREA

Data thrown out due to bad wafers

	Pre BPT area	Post BPT area	Delta BPT area	Pre b area	Post b area	Delta b area	Pre c area	Post c area	Delta c area
1	30	9	-21		10	3	-7	9	9
2	12	7	-5		17	2	-15	14	-5
3	16	1	-15		6	2	-4	12	0
4	14	1	-13		7	4	-3	8	-3
5	3	1	-2		13	3	-10	11	-4
8	10	6	-4		14	7	-7	13	-7
7	10	1	-9		3	1	-2	10	-9
8	5	3	-2		11	3	-8	17	-10
9	3	0	-3		7	7	0	17	-17
10	6	3	-3					19	-14
11	9	4	-5					9	-5
12	19	16	-3					9	-7
13	7	3	-4					12	-7
14	10	6	-4		25	5	-20	41	-28
15	12	5	-7						
Totals:				-100			-76		-121

Total Defect

Data thrown out due to bad wafers

	Pre BPT Tot. Def.	Post BPT Tot. Def.	Delta BPT Tot. Def.	Pre b Tot. Def.	Post b Tot. Def.	Delta b Tot. Def.	Pre c Tot. Def.	Post c Tot. Def.	Delta c Tot. Def.
1	347	199	-148		223	78	-145	151	140
2	158	88	-130		383	82	-301	355	131
3	117	69	-48		78	39	-39	179	193
4	186	110	-76		125	61	-64	128	54
5	123	74	-49		51	39	-12	170	151
6	180	98	-62		175	56	-119	125	66
7	242	72	-170		137	32	-105	288	95
8	129	105	-24		91	54	-37	171	94
9	162	44	-118		87	61	-26	300	77
10	326	62	-264					297	67
11	244	51	-193					407	82
12	208	190	-18					69	325
13	204	74	-130					89	16
14	93	120	27					59	89
15	111	75	-36		115	70	-45	163	79
Totals:				-1439			-893		-1463

Scratch Defect

Data thrown out due to bad wafers

	Pre BPT SCR.	Post BPT SCR	Delta BPT SCR	Pre b SCR	Post b SCR	Delta b SCR	Pre c SCR	Post c SCR	Delta c SCR
1	12	10	-2		0	1	6	5	-1
2	5	7	-2		8	-6	8	3	-5
3	3	1	-2		6	1	5	7	1
4	4	1	-3		5	2	0	0	0
5	5	5	0		0	0	3	2	-1
6	2	0	-2		3	1	3	0	-3
7	3	2	-1		2	0	5	3	-2
8	5	6	1		2	1	5	1	-4
9	1	0	-1		1	1	13	4	-9
10	10	5	-5				5	0	-5
11	4	1	-3				12	3	-9
12	7	2	-5				0	1	1
13	2	0	-2				2	1	-1
14	1	1	0				2	2	0
15	2	0	-2		0	0	0	5	-3
Totals:			-29				-13		41

